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ABSTRACT

Arranged into four sections, the resource guide provides special educators with over 40 annotated listings of: (1) associations and government agencies concerned with computer use for physically handicapped and other special education students; (2) producers of software, dedicated hardware, and adaptive devices; (3) publications and directories on microcomputer-based applications for special students; and (4) special education computer networks, including DEAFNET, The Handicapped Educational Exchange (HEX), The Electronic Information Exchange System (EIES), and Special Education Community Network (SpecialNet). The guide provides current addresses and phone numbers for all listings. (LH)

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the one minute computer guide for special educators

a selected listing of resources

by

diane herrera shepard

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ASSOCIATIONS AND GOVERNMENT AGENCIES

ABLEDATA, National Rehabilitation Information Center, 4407 Eighth Street, N.E., The Catholic University of America, Washington, D.C. 20017. (202) 635-5826. Product information for commercially available rehabilitation aids and equipment.

ASSOCIATION of REHABILITATION PROGRAMS in DATA PROCESSING, Philadelphia Hardware Training Center, 4025 Chestnut Street, 3rd Floor, Philadelphia, PA 19104. Jim Vagnoni, Communication Committee Chairman. Information for the national federation of programs for training the handicapped for data processing.

BIPED Corporation, Business Information Processing Education for the disabled. 26 Palmer's Hill Road, Stamford, CT 06902. (203) 324-3935. Non-profit educational program for computer programming and related informational processing. Skills for the disabled.

Council for Exceptional Children (CEC), 1920 Association Dr., Reston, VA 22091. (703) 620-3660. Provides information on special education teachers' needs. Also publishes Exceptional Children Journal six times yearly (subscription \$25; single copies \$5). October 1982 issue focuses on microcomputers and special education.

Education Department, Special Education Programs (SEP), 400 Maryland Ave., S.W., Washington, DC 20202 (202) 472-3394. Attn: James Johnson, DOND 4829. Funds programs to link developers of special education courseware with commercial publishers and to aid in national distribution of products.

International Council for Computers in Education (ICCE) 135 Education, University of Oregon, Eugene, OR 97403. A non-profit corporation dedicated to improved instructional use of computers. It publishes The Computing Teacher as well as several booklets that include "Learning Disabled Students and Computers: A Teacher's Guidebook (\$2.50).

IEEE Computer Society, P.O. Box 80452, Worldway Postal Center, Los Angeles, CA 90080. Published proceedings of John Hopkins First National Search for Applications of Personal Computing to Aid the Handicapped.

LIFT, Inc., 350 Pfingsten, Suite 103, Northbrook, IL 60062. (312) 564-9004. Not-for-profit contract programming company which identifies, trains and hires the physically handicapped to major corporations.

LINC Resources, Inc. Suite 225, 1875 Morse Rd., Columbus, Ohio 43229. (614) 263-5462. A non-profit corporation that arranges commercial publication and distribution of educational products funded by SEP as well as other special education materials. Also publishes UPDATE, a newsletter that reports on new special education products, including software (9 times yearly, free).

Microcomputer Education Applications Network (MEAN), a Division of Education TURNKEY Systems, 256 N. Washington St., Falls Church, VA 22046. (703) 536-2310. Contact: Alfred Morin. Provides general information about the special education high-technology field, including microcomputer developments in special education, new product announcements, evaluations of courseware and funding sources for development efforts. Also develops custom software for special education administrators.

National Association of State Directors of Special Education (NASDSE), Suite 404, 1201, 16th St., N.W., Washington, DC 20036. (202) 822-7933. Contact SpecialNet Staff. Up-to-date information concerning special education appropriation levels, regulatory changes and new devices is maintained in SpecialNet. Available to anyone who has access to a computer terminal or microcomputer.

San Mateo County Special Education Computer User's Group, San Mateo County Office of Education, 333 Main St., Redwood City, CA 94063. Contact: Diane Herrera Shepard. Group meets at this address on the 3rd Monday of each month at 3:30 p.m. to discuss uses of computers with special education students.

TECC (Teacher Education Computer Center) Santa Clara County Office Of Education, 100 Skyport Dr., MC 237, San Jose, CA 95115 (408) 947-6992. Contact: Shareen Young. A State-wide staff development program to provide resources to teachers, administrators, other school personnel and other persons providing services to schools. Resources will be provided in all areas of curriculum, but especially in math, science and technology. Regional centers offer classes that include training in the use of computers with special education populations.

TERC (Technical Education Research Centers, Inc.), 8 Eliot St., Cambridge, MA 02138. (617) 547-3890. TERC provides information about computer use for both regular and special education teachers. A resource list concerning computer use in special education is available, as as Hands On, a free newsletter.

Trace Research and Development Center for the Severely Communicatively Handicapped. University of Wisconsin, 314 Waisman Center, 1500 Highland Ave., Madison, WI 53706. (608) 262-6966. Contact the Trace Reprint Service for a list of pertinent publications and the center's many services.

PRODUCERS OF SOFTWARE, DEDICATED HARDWARE AND ADAPTIVE DEVICES

Alternative Communications System Project, Child Development and Mental Retardation Center, WJ-10, University of Washington, Seattle, WA 98195. Contact: Dr. Wesley Wilson, Project Director. Current project involves mounting a small computer on a wheelchair and having physically handicapped individuals communicate by using morse code.

BLS, Inc., 2503 Fairlee Rd., Wilmington, DE 19810. (302) 478-4063. Request software catalog.

Centurion Industries, Inc., 167 Constitution Dr., Menlo Park, CA 94025. (415) 321-0800. Request catalog of dedicated educational computers and compatible software.

Children's Hospital at Stanford, Rehabilitation Engineering Center, 520 Willow Road, Palo Alto, CA 94304. (415) 327-4800. contact: Peggy Barker, Rehabilitation Engineer, Head, communication/control service. This center provides services and research for handicapped individuals that allow them to interact with their immediate environment using assistive devices.

Developmental Learning Materials (DLM), 1 DLM Park, Allen, TX 75002. (214) 727-3346. Request software catalog.

The Handicapped's Source, A division of: Intelligent Consumer Electronics, 526 Langfield, Northville, MI 48167. (313) 348-2793. Free catalog describing products and services for disabled individuals.

Hartley Courseware, Inc., P.O. Box 431, Dimondale, MI 48821. (616) 942-8987. Request software catalog.

Micro-Computer Educational Programs (MCE), Inc., 157 S. Kalamazoo Mall, Kalamazoo, MI 49007. (616) 345-8681. Request software catalog.

Minnesota Educational Computing Consortium (MECC), 2520 Broadway Dr., Saint Paul, MN 55113. (612) 376-1118. Catalog available. MECC offers services to teachers and administrators as well as offering in-service training and curriculum guides. It is a good source for software and written materials for Apple II and Atari.

Prentke Romich Company, 8769 Twp. Rd. 513, Shreve, Ohio 44676-9421. Company that provides products that access computers for the severely handicapped. Send for free brochure/catalog on Expressive Communication Aids.

Southern Microsystems for Educators, P.O. Box 1981, Burlington, NC 27215. (919) 226-7610. Request catalog of software for special education administrators.

Street Electronics, 1140 Mark Avenue, Carpinteria, CA 93103. Makers of the Echo II Speech Synthesizer; a low-cost (\$150.), easy-to-use device that is quite useful for the visually handicapped and speech impaired. Also useful with other commercial programs.

Sysdata International, Inc., 7671 Old Central Ave. N.E., Minneapolis, MN 55432. (612) 780-1750. Request information packet regarding software for special ed. administrators. Sysdata has some good testing/analysis programs.

Teaching Tools: Microcomputer Services, P.O. Box 50065, Palo Alto, CA 94303. (415) 493-3477. Request software catalog and information about the use of computers in special education.

Texas Instruments (TI), Inc., P.O. Box 10508, M/S 5890, Lubbock, TX 79408. (800) 858-4565. Request catalog of software and adaptive devices. Contact Mary Fesler (415) 392-5700 for information about TI software and special education.

The Upper Room, 907 Sixth Ave., East, Menomonie, WI 54751. (715) 235-5775. Request software information.

Zygo Industries, Inc., P.O. Box 1008, Portland, OR 97207-1008. (503) 297-1724. Request catalog of communication systems and assistive devices.

PUBLICATIONS AND DIRECTORIES

Bounty, published by Joanne Doell, 17710 Dewitt Ave., Morgan Hill, CA 95037. (\$6. for 4 issues/yr.)

The Bulletin of Science and Technology for the Handicapped, American Association for the Advancement of Science, 1515 Massachusetts Ave., Washington, DC 20005

BYTE: The Small Systems Journal, P.O. Box 328, Hancock, NH 03449. This enormous magazine has more than a half-dozen articles about computers and the disabled.

The Catalyst, Western Center for Microcomputers in Special Education, Inc., Suite 275, 1259 El Camino Real, Menlo Park, CA 94025, (415) 326-6997. (bimonthly, \$12/year for individuals, \$20 for agencies; complementary copies sent on request.) This newsletter covers the spectrum of special ed/microcomputer topics, including software, hardware and pertinent regulations.

Closing The Gap, Route 2, Box 39, Henderson, MN 56044. (612) 665-6573. (bimonthly; \$15/yr., single copies \$3.) Compact newspaper that provides information about microcomputer programs and devices that help handicapped individuals "close the gap" between themselves and the rest of society.

Computers for the Handicapped in Special Education and Rehabilitation: A Resource Guide. Rehabilitation Research and Training Center, University of Oregon, 1982. Available from ICCE, 135 Education, University of Oregon, Eugene, OR 97403, (503) 686-4414. Includes more than 180 annotated citations from over 39 journals, over half dated since 1980.

COPH Bulletin, Congress on the Physically Handicapped, 101 Lincoln Park Blvd., Rockford, IL. 61102.

Journal of Learning Disabilities, Editor-in-Chief Gerald M. Senf, 1331 E. Thunderhead Drive, Tucson, AZ 85718. (\$32. for 10 issues/yr.) This journal features articles on microcomputer-based applications for learning disabled students. It includes a section called "Computers in the Schools" and courseware reviews with each issue.

Link and Go, 2030 Irving Park Road, Chicago, IL 60618.

Mindstorms: Children, Computers and Powerful Ideas by Seymour Papert. New York:Basic Books, 1980. (\$12.95) Papert looks at the future of education and the computer language, LOGO. Although information does not directly pertain directly to special education, many of the ideas can be effectively used with handicapped students.

Personal Computers for the Physically Disabled: A Resource Guide, Apple Computer, Inc., M/S 9H, 10260 Bandley Dr., Cupertino, CA 95014. (408) 996-1010. Free upon request, this booklet describes microcomputer applications for the handicapped and lists contacts for each program, device, publication or service discussed.

Special Technology for Special Children: Computers to serve communication and autonomy in the education of handicapped children by E. Paul Goldenberg. University Park Press, 233 East Redwood St., Baltimore, MD 21202, 1979. (\$14.95).

SPECIAL EDUCATION NETWORKS

DEAFNET, an SRI-conducted project aimed at establishing computer-based telecommunications networks for the deaf. contact: Teresa Middleton, SRI International, 333 Ravenswood Ave., Menlo Park, CA 94025 (415) 859-2547.

HEX (The Handicapped Educational Exchange) contact: Richard Barth, 11523 Charleton Drive, Silver Springs, MD 20902. (301) 681-7372. A free national computer network for the exchange of ideas and information on the use of technology for the handicapped. It can be accessed via telephone and computer modem or with the Telecommunication Device for the Deaf (TDD).

The Electronic Information Exchange System (EIES), New Jersey Institute of Technology, Newark, NJ 07102. A national computer conferencing system and information network. Hosts an ongoing conference called: EIES/Handicapped.

SpecialNet, (Special Education Community Network), National Association of State Directors of Special Education, 1201 16th St., N.W., Suite 404E, Washington, DC 20036. (202) 833-4218. A communication system operated by the National Assoc. of State Directors of Special Education (NASSE) and utilizes the GTE Telenet system. At present, more than 15 electronic mailboxes/bulletin boards operate on SpecialNet.